

WHAT IS NEW AND DESIRED TO BE SECURED BY LETTERS PATENT OF THE
UNITED STATES IS:

1. A method for manufacturing a backing sheet for insulation comprising the step of:
joining a stapling tab formed on an edge of a backing sheet and an adjacent portion of
the backing sheet using a tacky substance.

2. The method according to Claim 1, wherein said step of joining a stapling tab and
an adjacent portion of the backing sheet comprises the steps of:

applying the tacky substance to the backing sheet; and
folding the stapling tab on an edge of the backing sheet such that the tacky substance
is sandwiched between the stapling tab and the adjacent portion of the backing sheet.

3. The method according to Claim 2, wherein the tacky substance is applied by
spraying the tacky substance upon the backing sheet.

4. The method according to Claim 2, wherein the tacky substance is applied by
rolling the tacky substance upon the backing sheet.

5. The method according to Claim 1, wherein said step of joining a stapling tab and
an adjacent portion of the backing sheet comprises the steps of:

folding a first fold for the stapling tab on an edge of the backing sheet;
applying the tacky substance to the backing sheet; and
folding a second fold to form the stapling tab such that the tacky substance is
sandwiched between the stapling tab and the adjacent portion of the backing sheet.

6. The method according to Claim 5, wherein the tacky substance is applied by
spraying the tacky substance upon the backing sheet.

7. The method according to Claim 5, wherein the tacky substance is applied by
rolling the tacky substance upon the backing sheet.

8. The method according to Claim 5, wherein the backing sheet is contacted by a
heated roller after the folding of the second fold.

9. The method according to Claim 5, wherein the tacky substance is applied to the

backing sheet in an area extending inward from an edge of the first fold by a predetermined width.

10. The method according to Claim 1, wherein the tacky substance is a starch solution.

5 *Handwritten:* 11. A backing sheet for insulation, said backing sheet comprising:

a first side having an adherent material thereon;

a second side;

a stapling tab extending along an edge of said backing sheet, said stapling tab having a first portion of said second side positioned against a second portion of said second side; and

10 a tacky substance between said first portion of said second side and said second portion of said second side.

12. The backing sheet according to Claim 11, wherein said stapling tab comprises:

a first fold extending along an edge of said backing sheet, said first fold having a first portion of said first side positioned against a second portion of said first side; and

15 a second fold extending along the edge of said backing sheet contiguous with said first fold, said second fold having the first portion of said second side positioned against the second portion of said second side.

20 13. The backing sheet according to Claim 12, wherein said tacky substance is located on said backing sheet in an area extending inward from an edge of said first fold by a predetermined width.

25 14. The backing sheet according to Claim 11, wherein said tacky substance is a starch solution.

15. A method for manufacturing a backing sheet for insulation comprising the steps of:

25 piercing at least one hole in the backing sheet;

applying an adherent material to the backing sheet; and

folding a stapling tab such that a portion of the adherent material leaks through the at

least one hole and contacts a portion of the backing sheet.

16. The method according to Claim 15, wherein said step of folding the stapling tab comprises the steps of:

folding a first fold for the stapling tab on an edge of the backing sheet; and

5 folding a second fold to form the stapling tab such that the stapling tab abuts the at least one hole.

17. The method according to Claim 15, wherein said step of folding the stapling tab comprises the steps of:

folding a first fold for the stapling tab on an edge of the backing sheet; and

10 folding a second fold to form the stapling tab such that the portion of the adherent material that leaks through the at least one hole is sandwiched between the stapling tab and the adjacent portion of the backing sheet.

18. The method according to Claim 17, wherein the backing sheet is contacted by a heated roller after the folding of the second fold.

19. A backing sheet for insulation, said backing sheet comprising:

a first side having an adherent material thereon;

a second side;

a stapling tab extending along an edge of said backing sheet, said stapling tab having a first portion of said second side positioned against a second portion of said second side; and

20 at least one hole extending through said backing sheet such that a portion of said adherent material extends through said at least one hole and contacts said second side.

20. The backing sheet according to Claim 19, wherein said stapling tab comprises:

a first fold extending along an edge of said backing sheet, said first fold having a first portion of said first side positioned against a second portion of said first side; and

25 a second fold extending along the edge of said backing sheet contiguous with said first fold, said second fold having said first portion of said second side positioned against said second portion of said second side.

21. A system for manufacturing a backing sheet for insulation, said system comprising:

a roller configured to apply an adherent material to a first side of the backing sheet;

an applicator device configured to apply a tacky substance to a portion of a second side of the backing material; and

a folding device configured to fold a stapling tab on an edge of the backing sheet such that the tacky substance is sandwiched between the stapling tab and an adjacent portion of the backing sheet.

22. The system according to Claim 21, wherein said folding device comprises:

a first folder configured to fold a first fold for the stapling tab on an edge of the backing sheet; and

a second folder configured to fold a second fold to form the stapling tab,

wherein said applicator device being positioned upstream in said system of said second folder.

23. The system according to Claim 22, further comprising a heat roller configured to contact the backing sheet downstream in said system of said second folder.

24. The system according to Claim 22, wherein said applicator device is configured to apply the tacky substance to the backing sheet in an area extending inward from an edge of the first fold by a predetermined width.

25. The system according to Claim 21, wherein said applicator device is a spray device.

26. The system according to Claim 21, wherein said applicator device is a roller device.

27. A system for manufacturing a backing sheet for insulation comprising the steps of:

a piercing device configured to form a hole through the backing sheet;

a roller configured to apply an adherent material to a first side of the backing sheet;

and

a folding device configured to fold a stapling tab on an edge of the backing sheet such that a portion of the adherent material leaks through the at least one hole and contacts a portion of the backing sheet.

28. The system according to Claim 27, wherein said folding device comprises:

5 a first folder configured to fold a first fold for the stapling tab on an edge of the backing sheet; and

a second folder configured to fold a second fold to form the stapling tab,

wherein the stapling tab abuts the at least one hole.

29. The system according to Claim 28, further comprising a heat roller configured to contact the backing sheet downstream in said system of said second folder.

30. The system according to Claim 27, wherein said piercing device is positioned upstream in said system of said roller.

31. The system according to Claim 27, wherein said folding device comprises:

10 a first folder configured to fold a first fold for the stapling tab on an edge of the backing sheet; and

15 a second folder configured to fold a second fold to form the stapling tab such that the portion of the adherent material that leaks through the at least one hole is sandwiched between the stapling tab and the adjacent portion of the backing sheet.

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